



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6521A00138-W142AH-

002-3T-1

Job Sheet 200731



Part No: RBW6521A00138-W142AH-002-3T-1 **Job Qty:** 1 pcs

Part Name: Ring



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/17/19

Job Tracking No:

Due Date: 11/4/19

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6521A00138-W142AH-002-3T Rev.A IPP Rev. A 19.01.16 New Issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Omax - 1	1 pcs		11/4/19	0.17	0.20	Waterjet - Omax		019/09/27
110	QC 2	1 pcs		11/4/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		019/09/27
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		
							QC 2 - 5		
							QC 2 - 71		

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9/17/2019

[Dart Hawkesbury] Job Sheet - Lajeunesse, Marie

						QC 2 - 73	
						QC 2 - 69	
120	NV5000 - 1 - B4B	1 pcs	11/4/19	1.00	1.00	NV5000 - 1 - B4B	J.C.C.
						NV5000 - 2 - B4B	
130	QC 2	1 pcs	11/4/19	0.00	0.00	QC 2 - 1	
						QC 2 - 12	
						QC 2 - 14	
						QC 2 - 17	
						QC 2 - 19	
						QC 2 - 2	
						QC 2 - 20	
						QC 2 - 22	
						QC 2 - 23	
						QC 2 - 25	
						QC 2 - 32	J.C.C. 19-10-16
						QC 2 - 33	
						QC 2 - 35	
						QC 2 - 39	
						QC 2 - 4	
						QC 2 - 40	
						QC 2 - 44	
						QC 2 - 45	
						QC 2 - 48	
						QC 2 - 49	
						QC 2 - 50	
						QC 2 - 51	
						QC 2 - 52	
						QC 2 - 57	
						QC 2 - 62	
						QC 2 - 63	
						QC 2 - 8	
						QC 2 - 66	
						QC 2 - 64	
						QC 2 - 65	
						QC 2 - 5	
						QC 2 - 71	
						QC 2 - 73	
						QC 2 - 69	
140	QC 8	1 pcs	11/4/19	0.00	0.00	QC 8 - 12	
						QC 8 - 14	
						QC 8 - 17	
						QC 8 - 20	
						QC 8 - 25	
						QC 8 - 3	
						QC 8 - 32	
						QC 8 - 33	
						QC 8 - 35	
						QC 8 - 39	
						QC 8 - 4	
						QC 8 - 44	
						QC 8 - 45	
						QC 8 - 49	
						QC 8 - 58	
						QC 8 - 8	H. 19-10-23
						QC 8 - 9	
						QC 8 - 68	
						QC 8 - 67	
						QC 8 - 1 (A)	
						QC 8 - 47	
						QC 8 - 40	
						QC 8 - 52	

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					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					GRO002-VC	2019-10-22
150	Outsource - 12 - Black Oxide	1 pcs	11/4/19		Packaging 2 - 1 - B4B	
160	Packaging 2-1 - Receive - B4B	1 pcs	11/4/19	0.00 0.00	Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	NOV 06 2019
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
170	QC 6	1 pcs	11/4/19	0.00 0.00	QC 6 - 9	DAS
					QC 6 - 68	NOV 06 2019 68
					QC 6 - 61	9-89
					QC 6 - 40	
					QC 6 - 81	
180	Packaging 3-1 - Stock - B4B	1 pcs	11/4/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	MLL
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	

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Packaging 3 - 17 - B4B

Packaging 3 - 18 - B4B

Packaging 3 - 19 - B4B

Packaging 3 - 20 - B4B

Packaging 3 - 21 - B4B

Packaging 3 - 22 - B4B

Packaging 3 - 23 - B4B

Packaging 3 - 24 - B4B

Packaging 3 - 25 - B4B

Packaging 3 - 26 - B4B

Packaging 3 - 27 - B4B

Packaging 3 - 28 - B4B

Packaging 3 - 29 - B4B

Packaging 3 - 30 - B4B

Packaging 3 - 31 - B4B

Packaging 3 - 32 - B4B

Packaging 3 - 33 - B4B

Packaging 3 - 34 - B4B

Packaging 3 - 35 - B4B

Packaging 3 - 36 - B4B

190 QC 21 - SA

1 pcs

11/4/19

0.00 0.00

QC 21 - SA - 21

QC 21 - SA - 70

NOV 08 2019

GA
106Part Op 100 - 1-Cut as per DWG. DWG. Rev: A PROG. Rev: A 2-Deburr if necessary

Descriptions: 110 - QC2- Inspect parts off machine FAI/FAIB

120 - 1-Machine as per folio FC688 FOLIO REV: _____ DWG REV: _____ 2-Deburr

130 - QC2- Inspect parts off machine FAI/FAIB

140 - QC8- Inspect parts - second check

150 - Issue P/O: 44844 -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MILL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required

160 - (Receive & Inspect for Damage & Mat'l Certs) -Certificate of Conformity is required

170 - QC6- All purchased or subcontracted products

180 - Identify as per dwg & Stock Location: _____

190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140-S-0.500	AISI 4140 Steel Sheet	.3400 sf (.34 ea)	100-Waterjet - Omax - 1	3165699

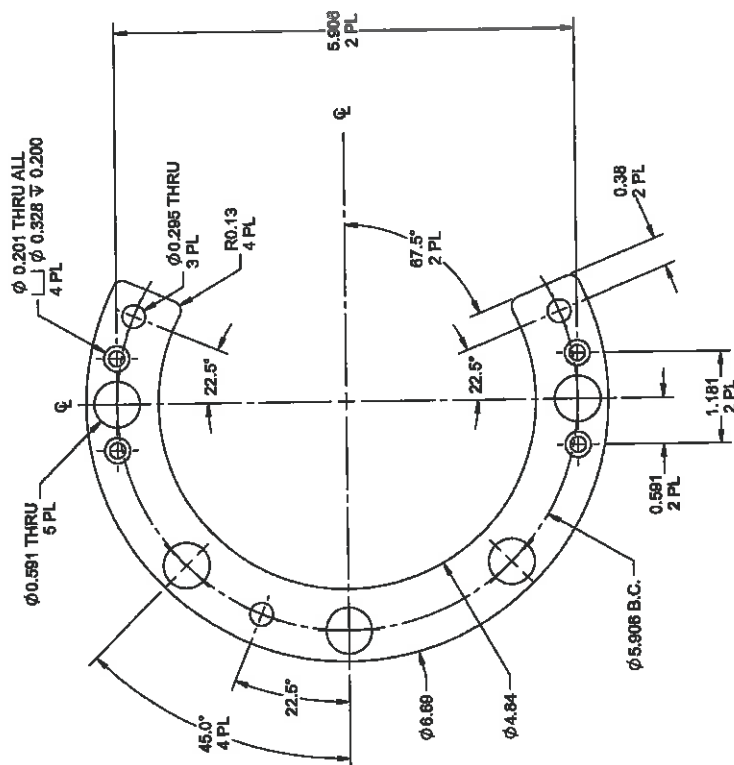
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Omax - 1	MT-4140-S-0.500	0	31	0

Part Specifications

Specifications could not be found.

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200731
MCS
14-09-17

RBW6521A00138-W142AH-002-3T-1 RING

DESIGN	KPT	DART AEROSPACE LTD HAMMERSBURY, ONTARIO, CANADA TOOL PART # REV. A SHEET 2 OF 6 SCALE NTS NUT TORQUE TOOL CONFIDENTIAL © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE EXCLUSIVE PURPOSES OF THE PROJECT AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.
DRAWN	KPT	
CHECKED	KPT	
MFG. APPR.	DP	
APPROVED	<i>[Signature]</i>	
DATE 12/24/2018		

NOTES:
1) MATERIAL: 4140/4142 (28-32 RC)

- 1) MATERIAL: 4140A 1/2" (60-62 TENS)
2) HEAT TREAT: N/A
3) FINISH: BLACK OXIDE PER MIL-C-13024 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81308 TYPE III
4) TOLERANCES: X.X = +/- .01" / +/- .1"
5) DIMENSIONS: X.X = +/- .01" / +/- .1"

XX = ± 0.1 / ± 0.5
 XX = ± 0.01 / ± 0.5
 XXX = ± 0.005 / ± 0.1
 XXXX = ± 0.0005 / ± 0.05

X.XXXX = +/- 0.0005" / +/- 0.05"
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

7) IDENTIFICATION: N/A

10/24/2019

PURCHASE ORDER



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB044844



Supplier: GRO002-VC
Group Altech
2455 Halpalm
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3668

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB044844

PO Date: 10/22/19

Due Date: 10/31/19

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-10-24

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	200275	RBE350A94-3700-A-05	RBE350A94-3700-A-05 Rev 7	Foot -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed		10/31/19	30 pcs	0 pcs	30 pcs	\$2.80/pcs	\$84.00
					X30					NOV 06 2019		
2	200731	RBW6521A00138-W142AH-002-3T-1	RBW6521A00138-W142AH-002-3T Rev A	Ring -Issue P/O; -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-C-81309 Type III Or MIL-C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	Firmed		10/31/19	4 pcs	0 pcs	4 pcs	\$4.20/pcs	\$16.80
					X4					NOV 06 2019		
3	199143	RBE350A93-3303-02-1	RBE350A93-3303-02 Rev 5	Receiver -Issue P/O to Groupe Altech; PO -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed		10/31/19	20 pcs	0 pcs	20 pcs	\$5.41/pcs	\$108.20
					X20					NOV 06 2019		
Grand Total:												\$209.00

Guerin



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB044844



Order Notes

Procurement Quality Clauses

A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications

A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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SUBCONTRACT SHIPPER

SUBCONTRACT SHIP TO

Ship To: Group Altech
2455 Halpern
St Laurent, QC H4S 1N9 Canada
Phone: 514-335-3666

Fax: 514-335-3868

SHIPPER

Shipper No: 1678
Shipper Date: 10/22/19
Carrier: *
Ship Via:
Vehicle Reg:
Note:
Freight Terms:

Part Information

Part No: RBE350A93-3303-02-1
Cust Part No:
Reference No:
Part Information Note: RBE350A93-3303-02 REV 5 IPP REV A 18-01-17
NEW ISSUE JFC VERIFIED DP
Drawing No:
Program:
Program Customer:
Addl Docs:
Commercial: Product Line: Tools
Primary OEM Application: Airbus
Manufacturer: DART
Business Segment: Tools & GSE
Advertised on web?: No

Name: Receiver
Product Family: Tools
Piece Weight: 0 lbs
Alloy Type:
Alloy - Temper:
Description:
Quantity:

OPERATION

Operation: Outsource - 120
Description: Issue P/O to Groupe Altech; PO _____
Black oxide finish, MIL-C-13924C Class 1 -Certificate
of Conformity is required
Note:

DETAIL

Part	Operation	PO	Job	Container	Heat Code	Net Weight (lbs)	Gross Weight (lbs)	Quantity
RBE350A93-3303-02-1	Outsource Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	POHB044844	199143	S222697		0	0	20
RBE350A94-3700-A-05	Outsource - 12 - Black Oxide Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	POHB044844	200275	S224013		0	0	30
Total					2	0	0	50

Driver Signature

Customer Copy

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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel: (613) 632-5200
Fax: 613 632-5248

SUBCONTRACT SHIPPER

SUBCONTRACT SHIP TO

Ship To: Group Altech
2455 Halpern
St Laurent, QC H4S 1N9 Canada
Phone: 514-335-3666 Fax: 514-335-3868

SHIPPER

Shipper No: 1682
Shipper Date: 10/23/19
Carrier: *
Ship Via:
Vehicle Reg:
Note:
Freight Terms:

Part Information

Part No: RBW6521A00138-W142AH-002-3T-1
Cust Part No:
Reference No:
Part Information Note: DWG RBW6521A00138-W142AH-002-3T Rev.A IPP
Rev. A 19.01.16 New Issue DP Verify DD
Drawing No:
Program:
Program Customer:
Addl Docs:
Commercial: Product Line: Tools
Primary OEM Application: Leonardo
Manufacturer: DART
Advertised on web?: No
Name: Ring
Product Family: Tools
Piece Weight: 0 lbs
Alloy Type:
Alloy - Temper: -
Description:
Quantity:

OPERATION

Operation: Outsource - 12 - Black Oxide - 150
Description: -Issue P/O; _____ -Black oxide finish, MIL-
C-13924C Class 1 -Apply thin layer of oil/CPC per
MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309
Type III Or MIL-C23411A or MIL-PRF-81309 and
wipe off excess -Material type; 1018 -Certificate of
Conformity is required

Note:

DETAIL

Part	Operation	PO	Job	Container	Heat Code	Net Weight (lbs)	Gross Weight (lbs)	Quantity
RBW6521A00138-W142AH-002-3T-1	Outsource - 12 - Black Oxide -Issue P/O; _____ -Black oxide finish, MIL-C-13924C Class 1 -Apply thin layer of oil/CPC per MIL-PRF-16173 Grade 3 Class 1 or MIL-c-81309 Type III Or MIL- C23411A or MIL-PRF-81309 and wipe off excess. -Material type; 1018 -Certificate of Conformity is required	POHB044844	200731	S217687		0	0	4

Driver Signature

Customer Copy

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Certificat de Conformité / Certificate of Compliance

(023459-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

023459-1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA

Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
01-Nov-2019		Jigar Patel		POHB044844				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBE350A94-3700-A-05 Rev.	RBE350A94-3700-A-05 01 -OXIDE BLACK [OXIDE BLACK] MIL-C-13924C CLASS 1	OXIDE-BLACK CH	30	30	0	0	0
2	RBW6521A00138-W142AH-002-3T-1 Rev.	RBW6521A00138-W142AH-002-3T-1 01 -OXIDE-BLK & OIL [OXIDE BLACK AND OIL] MIL-C-13924C CLASS 1 APPLY A THIN LAYER OF OIL WIPE OFF EXCESS OIL	OXIDE-BLACK CH	4	4	0	0	0
3	RBE350A93-3303-02-1 Rev.	RBE350A93-3303-02-1 01 -BLACK OXIDE FINISH M MIL-C-13924C, CLASS 1	BLACK-OXIDE CH	20	20	0	0	0

RECEIVED
 NOV 06 2019
 DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.